FLEXIS
FX100 Roll-up Keyboard
Installation Guide
for Palm OS PDA's and
Windows CE and PocketPC

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Introduction and Specifications

Introduction

The FX100 Roll-up Keyboard is designed to increase a PDA user's efficiency. The FX100 allows for fast data entry in your PDA while being small enough for true mobility. Since the FX100 is sealed, it is water resistant and can deal with abuse that other keyboards cannot.

Main Specifications

1. Layout: 64 keys
2. Dimension (cm): 23 X 8 X 0.25
3. Weight: 80g
4. Environment condition
5. Electric Spec:

Contents	Condition
Storage Temperature	-20◦ C to 60◦C
Operating Temperature	-10◦ C to 50◦C
Power Consumption	1.0mA (Max)
Clock Frequency	4MHz
Temp / Variation	±0.3%
Contact Resistant	120Ω (Max)
Operating Voltage	3V – 3.4V

Figure 1 - Flexis Specs

6. RS232C Communication: 9600bps + 1% Data: 8bit

Key Stroke Operation

Pitch: 14mm
Stroke: 1.5mm
Warranty: 600000 times (Min.)

Installation Guide for a Compaq iPAQ

Instructions for Installation of Flexis FX100 on a Compaq iPAQ

Before you begin the installation, you will need the following:

- Your iPAQ,
- The Desktop software running on your computer,
- Your iPAQ cradle connected to your computer,
- The Flexis Installation CD,
- Your new Flexis FX100 keyboard.

Follow the steps below:

1. Insert the Flexis Installation CD in your computer's CD ROM Drive.
2. Insert your iPAQ into its cradle.
3. Microsoft ActiveSync should start and be running.
4. On your computer:
    - Go to the Desktop on your computer,
    - Select Windows Explorer,
    - Go to the Man and Machine (D:) Drive,
    - Go to the iPAQ subdirectory,
    - Start **Ipaq2.exe**,
    - At the Welcome screen Select **Next**,
    - If you agree with the End User License Agreement, Select **Yes**,
    - In the Installing Applications, answer the question, and let the program finish.
5. On your iPAQ, Select/Tap the **Flexis** icon and Tap **OK**
6. Connect the FX100 into the iPAQ and start typing.

Installation Guide for a Palm OS PDA

Instructions for Installation of Flexis FX100 on a Palm OS PDA

Before you begin the installation, you will need the following:

- Your PDA,
- The Desktop software running on your computer,
- Your PDA cradle connected to your computer,
- The Flexis Installation CD ROM,
- Your new Flexis FX100 keyboard.

Follow the steps below:

1. Insert the Flexis Installation diskette in your computer's CD ROM Drive.
2. Confirm that the PDA Desktop software is open and running.
3. On your computer,
   - Go to the START Menu
   - Select Programs,
   - Select Palm Desktop, and
   - Then start the program by selecting **Install Tool.**
4. When you are in **Install Tool**:
   - Select "Add".
   - Go to **Look in:**, select the down arrow .
   - Select Man and Machine (D:)

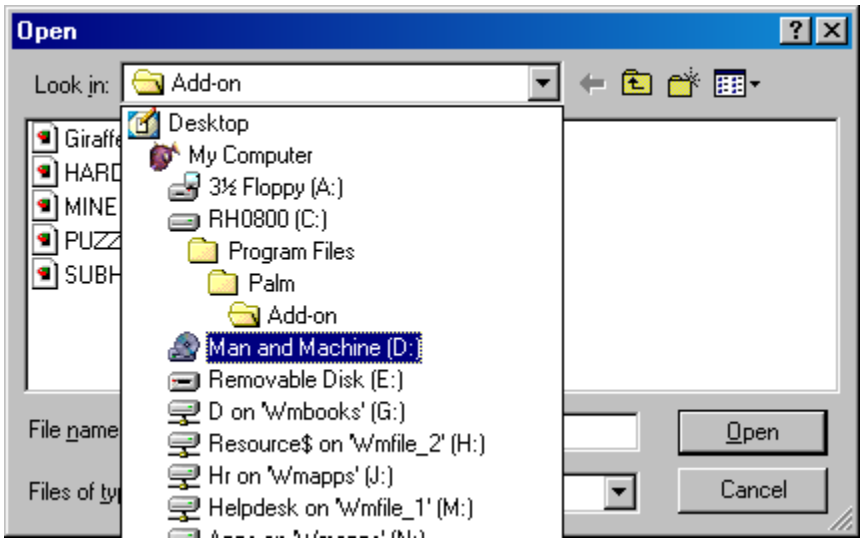

Figure 2 - Selecting the Man and Machine D: Drive

- Select the Palm OS subdirectory

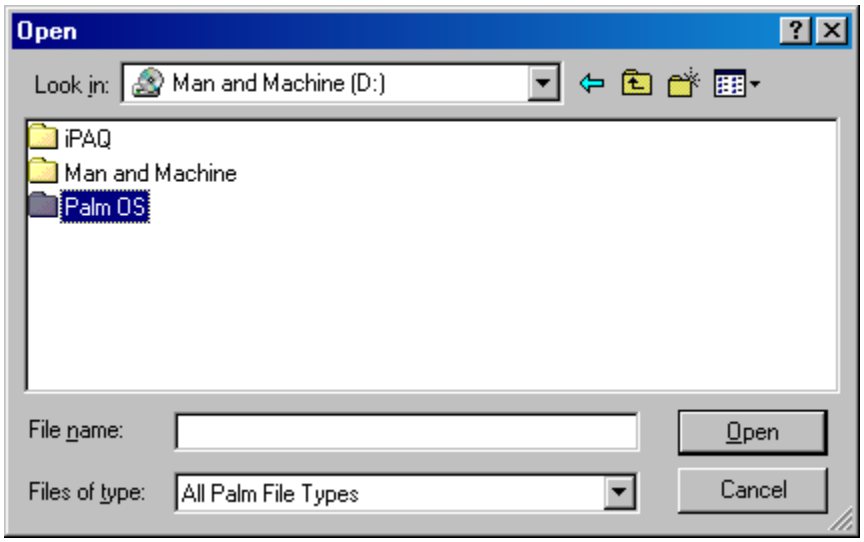

Figure 3 - Selecting Palm OS Directory

- Select both the **hackmstr.prc** and **Fx100_Hack.prc** files by highlighting both file names, (You can select both by highlighting one of the file names and press the **Shift** key and by using the arrow key highlight the other file.)

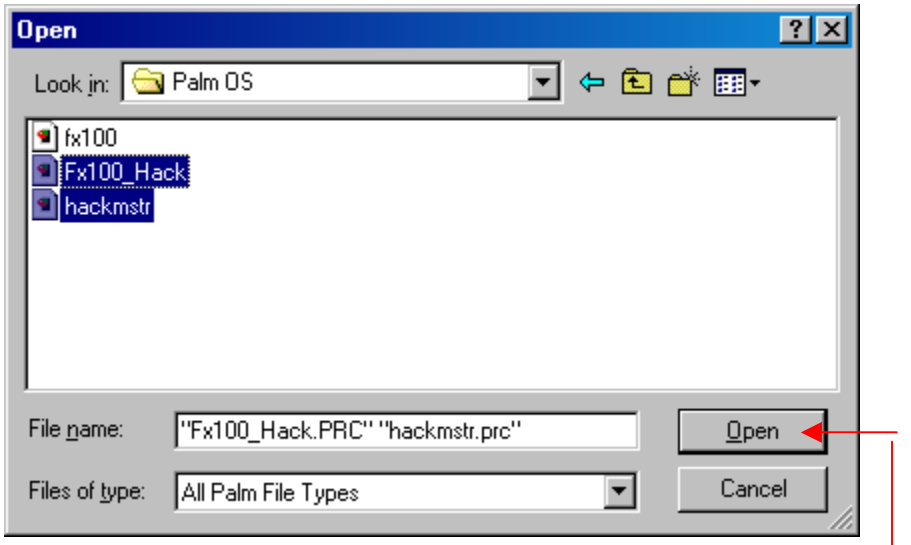

Figure 4 - Opening Fx100 and hackmstr files

- Select **Open.**

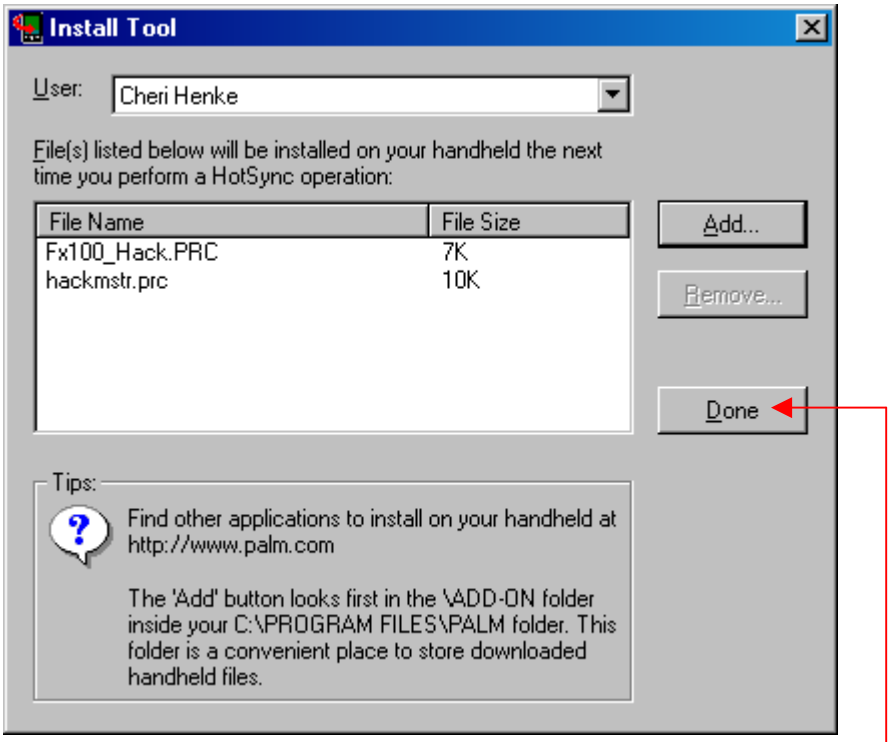

Figure 5 - Completing file installation

- Then select **Done**

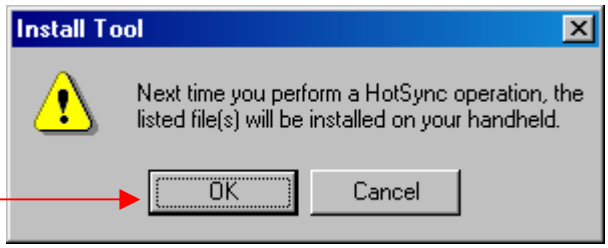

Figure 6 - Message Box 1

- Then select **OK** when the box appears on the monitor**.**

5. Place your PDA in the cradle
   - You must have the HotSync Manager open and running. Normally this is running when the PDA Desktop is running.
   - Press the **HotSync** Key to Synchronize your PDA.
   - The drivers selected above will be transferred and installed in your PDA.
6. On your computer:
   - Go to the START Menu
   - Select Programs,
   - Select Palm Desktop, and
   - Then start **Install Tool.**

Note: You may also click on the Install tool icon located on the left side of the Palm Desktop, as shown on the following figure, and this will bring you to the same screen, as seen on the following screen shot.

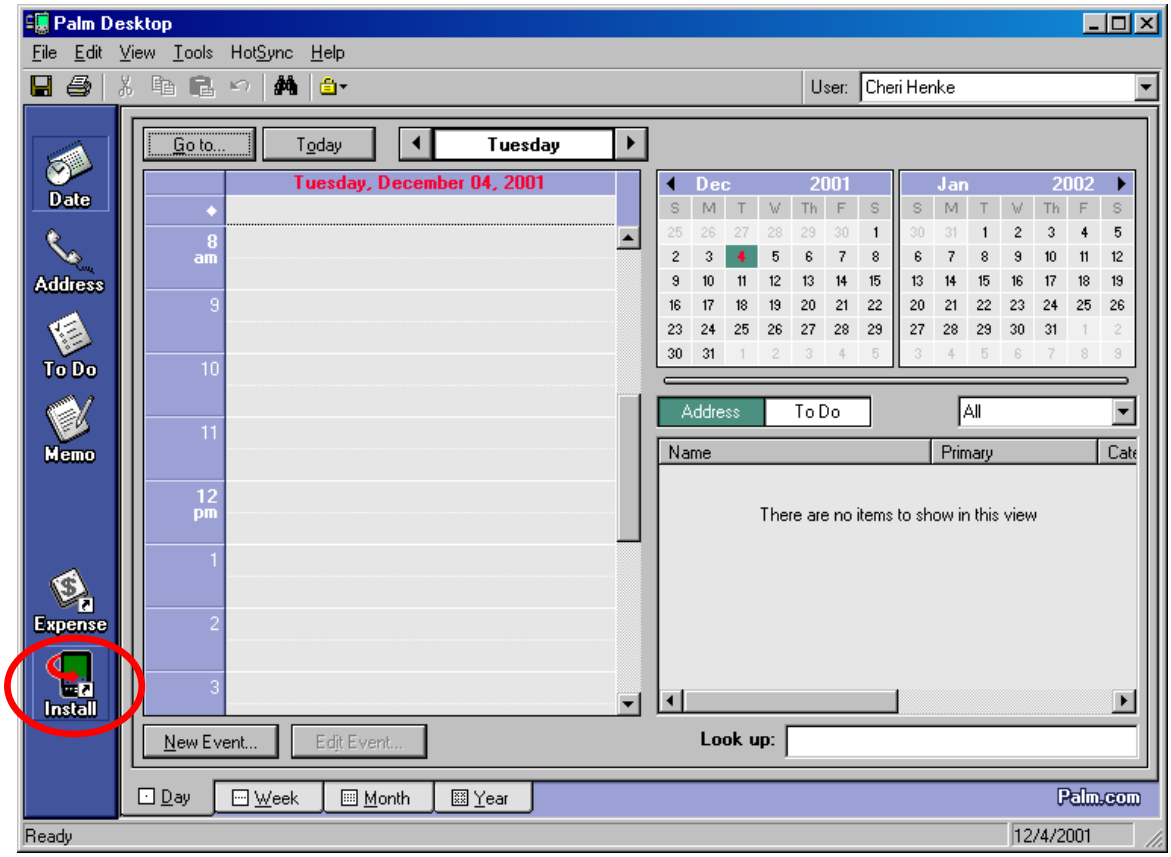

Figure 7 – Install Tool icon

7. When you are in **Install Tool**:
   - Select "Add".
   - Go to **Look in**: and select the down arrow.
   - Select Man and Machine (D:)

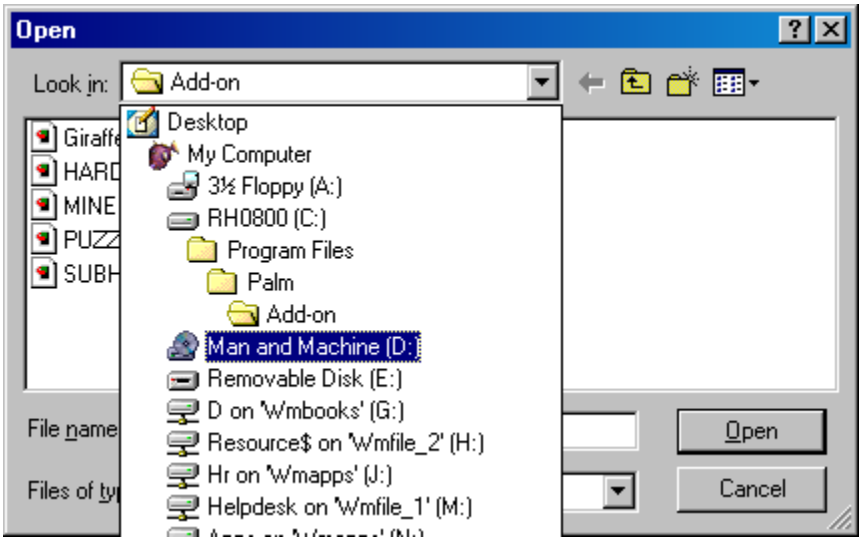

Figure 8 - Selecting the Man and Machine (D:) Drive

- Select the Palm OS subdirectory

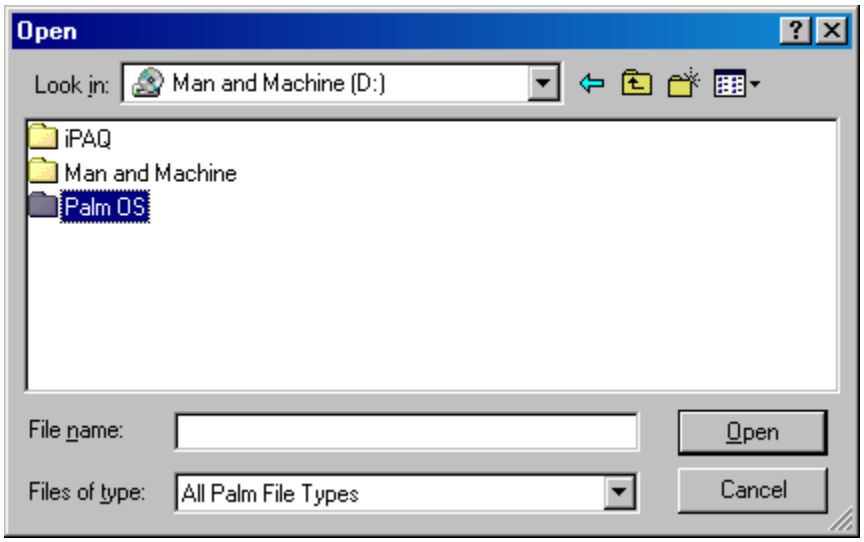

Figure 9 - Selecting the Palm OS Directory

- Open the **fx100.prc** files by highlighting the file name

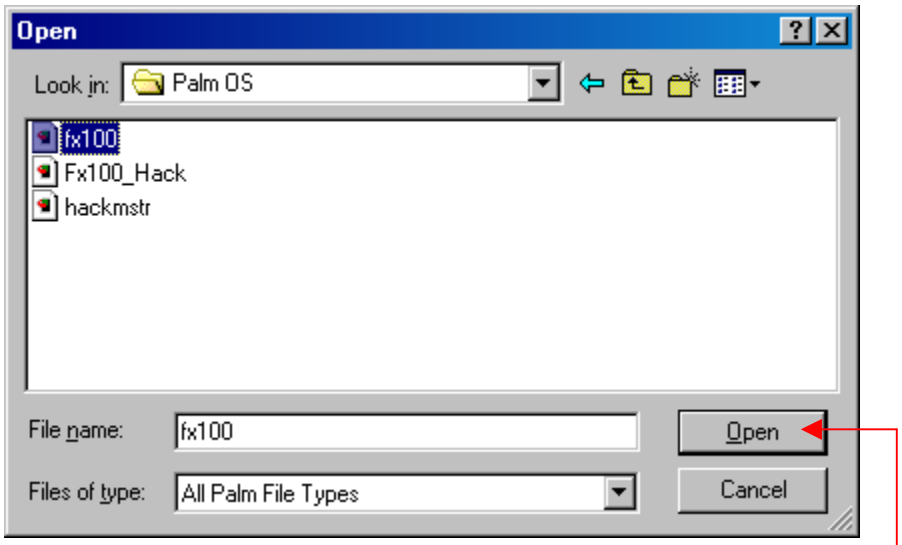

Figure 10 - Selecting the fx100 file

- Select **Open.**

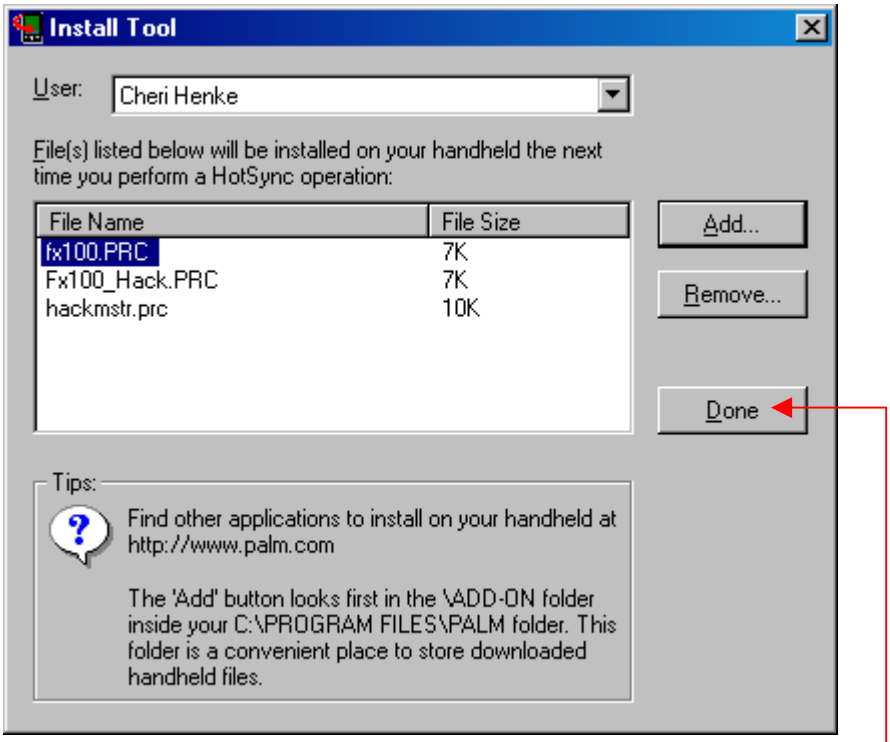

Figure 11 – Installing the fx100.prc file

- Then select **Done**

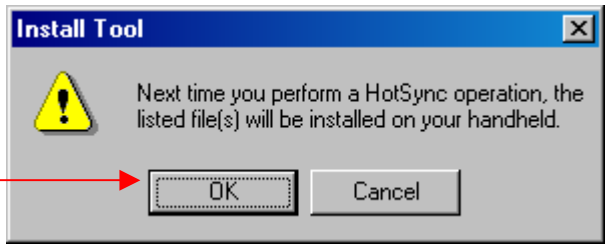

Figure 12 - Message box 2

- Then select **OK** when the box appears on the monitor**.**

8. Place your PDA in the cradle
   - You must have the HotSync Manager open. Normally this is running when the PDA Desktop is running.
   - Press the **HotSync** Key to Synchronize your PDA.
   - The driver selected above will be transferred and installed in your PDA.

9. Once your HotSync is complete:
   - Go to the Home screen on the PDA
   - Select **HackMaster** by tapping the **HackMaster** icon.
   - Under the HackMaster Extensions, find Fx100 Hack.
   - Select the box by tapping the empty box with your stylus.
   - A check mark will then appear.
   - Then select the **Home** icon.

10. Now select the **fx100** icon.

- When you open the fx100 application, you can start the use of the FX100 keyboard by selecting the **On** position.
- If you want to hear the Key's click when you use the FX100, you can also select **On** for the Keyclick.

11. Remove the PDA from its cradle and slide the FX100 keyboard connector into the PDA connector and start typing in any application that accepts characters.
12. To use your HotSync cradle, you must return to the **fx100** application and turn the Keyboard **Off.**

The next time that you want to use your FX100 keyboard and your PDA:

1. Select the **fx100** icon from the PDA Home Display.
2. Verify that the Keyboard is toggled **On** to use the FX100.
3. Plug in your FX100 and use any application that accepts data entry.

Keyboard Utilization

Once the preparation for using Fx100 Keyboard is finished, you will navigate using the following keystroke commands:

[General Key]:
In the Memo pad, Address, Date, To Do Menu, and the general keyboard function can be utilized. If you set up the Han-gul localizing program, you may exchange Korean/English input by pressing the Korean/English key to convert to the same usage as the General keyboard.

[Special Key]:
The following functions may be utilized using the one-touch function key (FN) in the bottom left hand corner of the keyboard.

The Orange colored icon key must be pressed with FN.

FN + 1	Address
FN + 2	Memo Pad
FN + 3	Schedule Management
FN + 4	To do
FN + 5~0	User definition (Plan to upgrade keyboard driver later on)
FN + =	Back Light
FN + A	Application (Shift to the main screen of PPC)
FN + F	Find
FN + K	Keyboard (Shift to the built-in Soft Keyboard)

Address Book Functions

To access your Address Book from the keyboard, press the FN and 1 keys simultaneously.

To access a profile, enter the name you are searching for in the 'Find' field, and when the profile is highlighted, press the 'Enter' key.

If you wish to browse thru the profiles, you may also use your arrow keys to navigate thru the profiles after an initial profile is opened.

Creating a New Address Book Entry

- Tap on the 'New' field on the screen.
- Enter the information requested, moving from field to field by tapping on the field to be filled in with your stylus. (Or using your arrow keys?)
- Tap on the 'Done' field at the bottom of the screen when finished.

Editing an Address Book Entry

- When in the Address book, enter the name of the profile you want to edit in the 'Find' area.
- When highlighted, press Enter.
- Tap the 'Edit' field on the bottom of the screen
- Tap on the field you want to edit
- When finished, tap 'Done'

Deleting an Address Book Entry

- When in the Address book, enter the name of the profile you want to delete in the 'Find' area.
- When the profile is highlighted, press Enter.
- Press the FN and M keys simultaneously to bring up the Record Menu
- Press the Ω and D keys simultaneously to delete the profile.
- Tap the OK field to confirm you want the record deleted. (Or press the Enter button?)

Attaching a Note to an Address Book Entry

- When in the Address book, enter the name of the profile you want to add a note to in the 'Find' area.
- When the profile is highlighted, press Enter.
- Press the FN and M keys simultaneously to bring up the Record Menu
- Press the Ω and A keys simultaneously to begin typing your note.

- When finished with your note, tap the ‘Done’ field and you will be returned to the profile.
- Tap the ‘Done’ field to finish.

Deleting a Note from an Address Book Entry

- When in the Address book, enter the name of the profile you want to delete the note from in the ‘Find’ area.
- When the profile is highlighted, press Enter.
- Press the FN and M keys simultaneously to bring up the Record Menu
- Press the Ω and O keys simultaneously to delete the note.
- When asked if you are sure you want to delete the current note, tap ‘Yes’ field and you will be returned to the profile.
- Tap the ‘Done’ field to finish.

Duplicating an Address Book Entry

- When in the Address book, enter the name of the profile you want to delete the note from in the ‘Find’ area.
- When the profile is highlighted, press Enter.
- Press the FN and M keys simultaneously to bring up the Record Menu
- Press the Ω and T keys simultaneously to duplicate the address entry.
- The new profile will appear, and the word ‘Copy’ will appear in the First Name field.
- Tap the ‘Done’ field to finish.

Memo Pad Functions

To access your Memo Pad from the keyboard, press the FN and 2 keys simultaneously.

Creating a New Memo

- Tap on the ‘New’ field on the screen. Or,
- If you are in a memo, press the FN and M keys simultaneously to get to the main menu, and then press the Ω and N keys simultaneously to begin a new memo.
- Enter the information you want included in the note.
- Tap on the ‘Done’ field at the bottom of the screen when finished.

Editing a Memo Entry

- When in Note Pad, tap on the note you want to edit.
- Tap the area you want to edit within the note
- Click the ‘Done’ field to finish.

Note: Other options available within the Editing mode while in the Edit menu are as follows:

Ω U = Undo
Ω X = Cut
Ω C = Copy
Ω P = Paste
Ω S = Select All
Ω K = Keyboard
Ω G = Graffiti Help

Options available in the Options menu:

Ω F = Font
Ω L = Phone Lookup

Deleting a Memo

- Tap the Memo you want to delete
- Press the FN and M keys simultaneously to bring up the menu
- Press the Ω and D keys simultaneously to delete the memo.
- Click the 'OK' field when asked if you are sure you want to delete the memo.

To Do List Functions

To access the To Do List from your keyboard, press the FN and 4 keys simultaneously.

Creating a New To Do List Entry

- Tap the 'New' field on the PDA screen
- Enter the new task
- Tap anywhere on the screen to accept the new entry.

Adding Details to a To Do List Entry

- Tap on the entry you want to add details to.
- Set up the details in the box that appears, including Priority, Category, Due Date, or Privacy.
- Tap the 'OK' field.

Editing a To Do List Entry

- Tap on the entry to be edited
- Edit entry
- Tap anywhere on the screen to accept changes.

Deleting a To Do List Entry

- Tap on the entry you want to delete
- Press the Ω and D keys simultaneously
- Tap the 'OK' field when asked if you are sure you want to delete the selected item.

For more information on the installation or usage of your new keyboard, please contact us:

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